

therefor:

AA

--A subsystem and method for combining a spread-spectrum signal arriving from a plurality of paths. A header-matched filter detects each match of a header-chip-sequence signal with a first impulse response and, in response to the detection, outputs a header-detection signal having a header amplitude and a respective chip location. A data-matched filter detects, at the respective chip location of each header-detection signal, a respective data-chip-sequence signal and outputs a data-detection signal having a data amplitude. A combiner multiplies the header amplitude of each header-detection signal and the data amplitude of the respective data symbol to generate a plurality of weighted elements for each data symbol. The combiner then adds the plurality of weighted elements for each data symbol as a sum signal of the respective data symbol.--

IN THE SPECIFICATION:

Page 1, before the first line, insert the following:

--RELATED PATENT

AB

This patent stems from a continuation application of U.S. patent application serial no. 08/806,013, ^{Filed 2/24/97} entitled SPREAD SPECTRUM MULTIPATH COMBINING SUBSYSTEM AND METHOD, now U.S. patent no. 5,956,369. The benefit of the earlier filing dates of the parent patent applications are claimed for common subject matter pursuant to 35 U.S.C. § 120.--

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